

TENT COOPERATION TRE Y

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C.20231
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 15 May 2000 (15.05.00)	
International application No. PCT/PT99/00016	Applicant's or agent's file reference
International filing date (day/month/year) 14 October 1999 (14.10.99)	Priority date (day/month/year) 14 October 1998 (14.10.98)
Applicant FONTES, João, Antonio, Crespo	

1. The designated Office is hereby notified of its election made:



in the demand filed with the International Preliminary Examining Authority on:

29 March 2000 (29.03.00)



in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).


The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer S. Mafra Telephone No.: (41-22) 338.83.38
---	--

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference		FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/PT99/00016	International filing date (day/month/year) 14/10/1999	Priority date (day/month/year) 14/10/1998	
International Patent Classification (IPC) or national classification and IPC H04M1/27			
Applicant FONTES,JOAO ANTONIO CRESPO			
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>11 This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of sheets.</p>			
<p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none">I <input checked="" type="checkbox"/> Basis of the reportII <input type="checkbox"/> PriorityIII <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicabilityIV <input type="checkbox"/> Lack of unity of inventionV <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statementVI <input type="checkbox"/> Certain documents citedVII <input type="checkbox"/> Certain defects in the international applicationVIII <input checked="" type="checkbox"/> Certain observations on the international application			
Date of submission of the demand 29/03/2000		Date of completion of this report 01.02.2001	
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465		Authorized officer Forster, G Telephone No. +49 89 2399 8988	



**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/PT99/00016

I. Basis of the report

1. This report has been drawn on the basis of *(substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments (Rules 70.16 and 70.17).)*:

Description, pages:

1-32 as originally filed

Claims, No.:

1-9 as originally filed

Drawings, sheets:

1/11-11/11 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the International application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**International application No. **PCT/PT99/00016**☐ the drawings, sheets:

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Yes:	Claims	1-9
	No:	Claims	
Inventive step (IS)	Yes:	Claims	1-9
	No:	Claims	
Industrial applicability (IA)	Yes:	Claims	1-9
	No:	Claims	

2. Citations and explanations
see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:
see separate sheet

INTERNATIONAL PRELIMINARY

International application No. PCT/PT99/00016

EXAMINATION REPORT - SEPARATE SHEET

to section V.

1. The present invention relates to a method for use in a simplification system, according to the features of claim 1.

The cited documents in the international search report do not appear to get closer to the subject-matter of the independent claims than the documents already acknowledged by the applicant.

2. According to the features of claim 1 the inventive step consists in that a method is disclosed to simplify the use of telephones by reducing the number of digits necessary to make a certain call. normally it is necessary to add to the telephone number the local area code and a company prefix. With this invention the user only dials one digit more instead of three digits.

The underlying concept is not disclosed in or rendered obvious by the cited prior art documents. The subject-matter of claim 1 thus fulfils the requirements of Article 33 PCT.

3. The dependent claims 2 to 9 contain further details on the subject-matter of claim 1. These dependent claims merely limit the scope of protection sought by claim 1 and are therefore also considered to fulfil the requirements of Article 33 PCT.

to section VIII.

1. Claim 1 should read 'A method for use in a simplification system for telephones composed of...' since this claim defines the activities of the user and the units of the respective system i.e. by the steps of a method. Claim 1 is thus considered to be a method claim and not an apparatus claim as it would seem with the present wording, Article 6 PCT.

The same is true for the dependent claims 2 to 9 which should read 'A method according to claim ...' or 'A method for use in a simplification system for telephones in accordance with claim'.



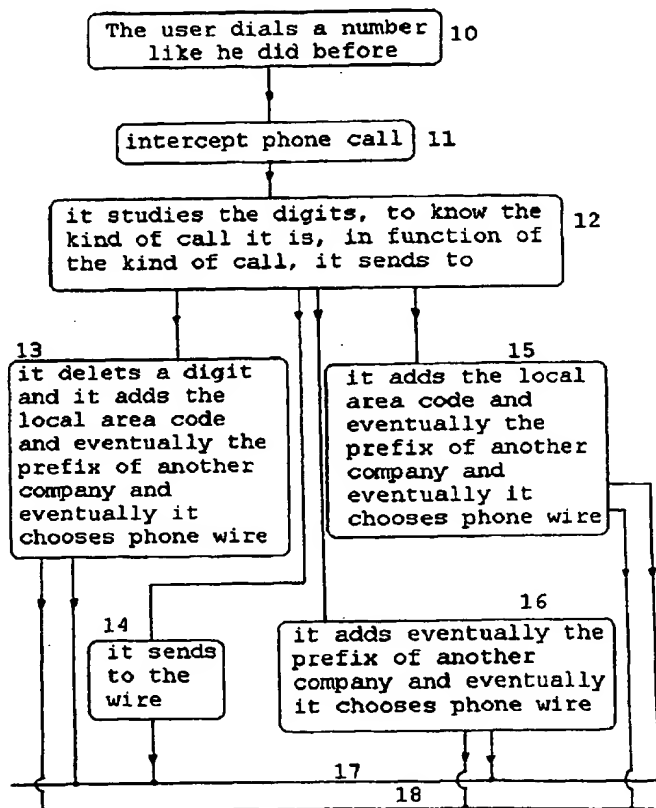
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : H04M 1/27	A1	(11) International Publication Number: WO 00/22799 (43) International Publication Date: 20 April 2000 (20.04.00)
(21) International Application Number: PCT/PT99/00016 (22) International Filing Date: 14 October 1999 (14.10.99) (30) Priority Data: 102213 14 October 1998 (14.10.98) PT (71)(72) Applicant and Inventor: FONTES, João, Antonio, Crespo [PT/PT]; Rua Prof. Mira Fernandes, 91-6°F, P-1900 Lisboa (PT).		(81) Designated States: AU, BG, BR, CA, CN, HU, JP, KR, NO, PL, RO, RU, TR, UA, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>

(54) Title: DIALING SIMPLIFICATION SYSTEM FOR TELEPHONES

(57) Abstract

Today, it is necessary to add to the telephone number, the local area code, and a company prefix, if the user wants that the phone call is made by another company. If the user lives near another telephone area in his daily phone calls, he has calls to the neighbour area. That obliges the user to dial the local area code. With this invention the user only dials one digit more, instead of three digits. Today it is possible to use several communications wires. There is a continuous changing of the phone call price and the user has difficulties to keep informed. The simplification system for telephones studies every telephone number based in a logical scheme and with the data that is in the memory, and also counting the digits, and counting the time. Then deletes the extra digit if it exists, and adds, if necessary, the local area code, the company prefix and chooses the wire of communication. It can also receive a normalised message by the wire of communication, that message is studied and then automatically or after confirmation by the user, changes the telephone company, that makes the phone call.



FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece			TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NO	Norway	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	NZ	New Zealand		
CM	Cameroon	KR	Republic of Korea	PL	Poland		
CN	China			PT	Portugal		
CU	Cuba	KZ	Kazakstan	RO	Romania		
CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	LI	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/PT 99/00016

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04M1/27

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 425 085 A (WEINBERGER ET AL) 13 June 1995 (1995-06-13) abstract column 1, line 38 -column 2, line 17 column 2, line 33 - line 43 column 5, line 64 -column 6, line 37 figures 3-7	1-3, 7-9
A	WO 97 03514 A (DAVIS ET AL) 30 January 1997 (1997-01-30) page 2, line 12 -page 3, line 8 page 4, line 4 -page 7, line 12 page 12, line 15 -page 17, line 3 page 25, line 11 - line 18 page 29, line 4 - line 19 page 41, line 5 -page 42, line 3; figures 1-4	1, 5-9
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

21 January 2000

Date of mailing of the international search report

31/01/2000

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fragua, M

INTERNATIONAL SEARCH REPORT

at Application No

PCT/PT 99/00016

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

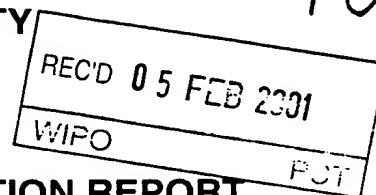
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 668 955 A (DECIUTIIS ET AL) 16 September 1997 (1997-09-16) abstract column 2, line 55 -column 3, line 15 column 3, line 52 -column 4, line 34 column 4, line 63 -column 5, line 22 column 15, line 8 -column 16, line 4 figures 1.1,,2A,2B,,4A,4B,,5</p> <p>---</p>	1-5,9
A	<p>US 5 638 433 A (BUBIEN ET AL) 10 June 1997 (1997-06-10) abstract column 1, line 44 -column 2, line 36 column 2, line 63 -column 3, line 67 column 4, line 29 -column 5, line 6 figures 1-3</p> <p>---</p>	1-3,8,9
A	<p>WO 94 19896 A (CAULTON ET AL.) 1 September 1994 (1994-09-01) abstract page 3, line 13 -page 4, line 30 page 5, line 6 - line 11 page 6, line 4 - line 36 page 7, line 11 - line 29 page 8, line 7 - line 14 page 11, line 15 - line 35 figures 3-5</p> <p>---</p>	1,2,6,9
A	<p>US 5 715 305 A (SZURKOWSKI ET AL.) 3 February 1998 (1998-02-03) abstract column 1, line 5 - line 10 column 1, line 54 - line 60 column 5, line 33 -column 7, line 13 column 7, line 24 -column 8, line 12 figures 4-7</p> <p>-----</p>	1-3

INTERNATIONAL SEARCH REPORT

Information on patent family members


International Application No
PCT/PT 99/00016

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5425085 A	13-06-1995	AU 1489795 A CA 2144909 A,C EP 0675628 A JP 7288575 A ZA 9502233 A	28-09-1995 19-09-1995 04-10-1995 31-10-1995 14-12-1995
WO 9703514 A	30-01-1997	AU 6546096 A CA 2222834 A	10-02-1997 30-01-1997
US 5668955 A	16-09-1997	WO 9905848 A AU 3964397 A	04-02-1999 16-02-1999
US 5638433 A	10-06-1997	NONE	
WO 9419896 A	01-09-1994	AU 6117694 A US 5710808 A	14-09-1994 20-01-1998
US 5715305 A	03-02-1998	US 5937054 A	10-08-1999



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference ---	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/PT99/00016	International filing date (day/month/year) 14/10/1999	Priority date (day/month/year) 14/10/1998
International Patent Classification (IPC) or national classification and IPC H04M1/27		
Applicant FONTES,JOAO ANTONIO CRESPO		
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of sheets.</p>		
<p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none">I <input checked="" type="checkbox"/> Basis of the reportII <input type="checkbox"/> PriorityIII <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicabilityIV <input type="checkbox"/> Lack of unity of inventionV <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statementVI <input type="checkbox"/> Certain documents citedVII <input type="checkbox"/> Certain defects in the international applicationVIII <input checked="" type="checkbox"/> Certain observations on the international application		
Date of submission of the demand 29/03/2000	Date of completion of this report 01.02.2001	
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer Forster, G Telephone No. +49 89 2399 8986	



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/PT99/00016

I. Basis of the report

1. This report has been drawn on the basis of *(substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments (Rules 70.16 and 70.17).):*

Description, pages:

1-32 as originally filed

Claims, No.:

1-9 as originally filed

Drawings, sheets:

1/11-11/11 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/PT99/00016

☐ the drawings, sheets:

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims 1-9
	No: Claims
Inventive step (IS)	Yes: Claims 1-9
	No: Claims
Industrial applicability (IA)	Yes: Claims 1-9
	No: Claims

2. Citations and explanations
see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:
see separate sheet

to section V.

1. The present invention relates to a method for use in a simplification system, according to the features of claim 1.

The cited documents in the international search report do not appear to get closer to the subject-matter of the independent claims than the documents already acknowledged by the applicant.

2. According to the features of claim 1 the inventive step consists in that a method is disclosed to simplify the use of telephones by reducing the number of digits necessary to make a certain call. normally it is necessary to add to the telephone number the local area code and a company prefix. With this invention the user only dials one digit more instead of three digits.

The underlying concept is not disclosed in or rendered obvious by the cited prior art documents. The subject-matter of claim 1 thus fulfils the requirements of Article 33 PCT.

3. The dependent claims 2 to 9 contain further details on the subject-matter of claim 1. These dependent claims merely limit the scope of protection sought by claim 1 and are therefore also considered to fulfil the requirements of Article 33 PCT.

to section VIII.

1. Claim 1 should read 'A method for use in a simplification system for telephones composed of...' since this claim defines the activities of the user and the units of the respective system i.e. by the steps of a method. Claim 1 is thus considered to be a method claim and not an apparatus claim as it would seem with the present wording, Article 6 PCT.

The same is true for the dependent claims 2 to 9 which should read 'A method according to claim ...' or 'A method for use in a simplification system for telephones in accordance with claim'.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/PT99/00016

2. Claim 2 contains a reference to the figures 2 and 3. Instead of the wording 'of figure 2 and 3' in this claim it should read 'of the telephone number dialled', Rule 6.2(a) PCT.